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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/653,998	09/04/2003	Nicola V. Granny	003921.00167	4610

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EXAMINER	
CHAVIS, JOHN Q	

ART UNIT	PAPER NUMBER
2193	

DATE MAILED: 10/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/653,998	GRANNY ET AL.	
	Examiner	Art Unit	
	John Chavis	2193	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *04 September 2003*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-29* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-29* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *3/31/04 & 4/15/04*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-3, 5-6, 8, 9-10, 12 and 20, 22-25 and 29 are rejected under 35 U.S.C. 102(e) as being anticipated by Peck et al. (2003/0038842).

Claims	Peck
1. A signals intelligence analysis method, comprising the steps of: storing a library of iconic representations of solution fragments in a memory;	See the title, abstract, sects. 0013 and 0037.
placing said iconic representations in a graphical user interface;	See sect. 0016.
connecting said iconic representations with one or more data pathways to graphically define flow of data between the solution fragments and to represent a solution;	See sects. 0025 and 0033.
converting said iconic representations and said one or more data pathways displayed in said graphical user interface into a behavioral representation of said solution; and	See sects. 0026 and 0030..
using said behavioral	See again the abstract.

representation to configure a reconfigurable platform.	
2. The method of claim 1, wherein at least one of said one or more data pathways includes event trigger information.	See the sensor or actuator in sect. 0054.
3. The method of claim 1, wherein said step of converting further comprises the steps of preparing, based on said iconic representations and said one or more data pathways, a high-level database corresponding to said solution; and	See the rejection of claim 1.
translating said database into said behavioral representation.	See the converting step above.
5. The method of claim 1, further comprising the step of combining said behavioral representation with one or more additional behavioral representations of one or more additional solutions to prepare a single monolithic block of code.	See sect. 0064.
6. The method of claim 5, further comprising the step of supplying said block of code to a compiler for said reconfigurable platform, said compiler preparing a binary download file based on said block of code, wherein said download file is target specific to said reconfigurable platform.	See sect. 0017.
8. The method of claim 6, wherein said reconfigurable	" " "

platform is remote from said memory.	
9. The method of claim 8, wherein said step of converting occurs at a first host workstation, and wherein a second host workstation of said reconfigurable platform includes replicate harware of said first host workstation.	" " "
10. The method of claim 1, wherein said behavioral representation is a behavioral model of said solution.	See the rejection of claim 1.
12. The method of claim 1, wherein said solution fragments are used for detecting patterns in images.	See sect. 0026.

Claims 20, 22-25 and 29 are rejected as claim 1. It is not clear how disallowing combinations provide for enabling generation of icons.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 4, 7, 11, 13-19, 21, 26-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Peck in view of the applicant's choice of merely selecting representation format, parallel hardware and data encryption.

Claims	Peck
4. The method of claim 1, wherein said behavioral representation is in RTL format.	The specific representation format is considered a choice of design And therefore, it would have been obvious to a person of ordinary skill in the art at the time of the invention to utilize the RTL format in Peck's system for its inherent features.
7. The method of claim 6, wherein said step of using causes said reconfigurable platform to perform a solution in parallel hardware.	It is also considered a choice of design to configure a program to execute in parallel and therefore it would have been obvious to a person of ordinary skill in the art at the time of the invention to utilize the feature in Peck's system to improve reconfiguration time.
11. The method of claim 1, wherein said solution fragments are used for encryption or decryption of data.	It is also considered a choice of design to encrypt data when security is a concern to ensure That data tampering does not occur.

Claims 13-15, and 19 are rejected as claim 1 above and further in view the applicant's choice of buffering data to control transfer speed, and therefore frequency.

In reference to claim 16, see the rejection of claim 7.

As per claims 17-18, 26-27, the type of hardware selected for use is also considered a choice of design.

Claim 21 is rejected as claim 4.

In reference to claim 28, see the rejection of claims 11.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Chavis whose telephone number is (571) 272-3720. The examiner can normally be reached on M-F, 9:00am-5:30pm, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JC



John Chavis
Primary Examiner AU-2193